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PHYSICOMATHEMATICAL SCIENCES

For the Degree of Candidate in Sciences

AFANAS'YEV, K. F. -- "Roentgenographic Investigation of Crystallites and Elementary Distortions in Fatigue Breaks of Steel Parts." Min Education RSFSR. Leningrad Pedagogical Inst imeni A. I. Gertsen. Chair of General Physics. Moscow, 1956.

GASTING, N. L. -- "The Attenuation of the After-Illumination of the ZnS-Cu and ZnS-Cu₂Co Phosphors Near and in the Region of Temperature Extinction." Tomsk State U imeni V. V. Yuybyshev. Tomsk, 1955.

CHEMICAL SCIENCES

For the Degree of Candidate in Sciences

KRAVTSOV, V. I. -- "The Use of Oscillographic and Ordinary Methods to Investigate the Kinetics of Electrode Processes Occurring on Iron and a Cadmium Amalgam in Solutions of Sulfuric Acid." Leningrad Order of Lenin State U imeni A. A. Zhdanov. Leningrad, 1955.

MUKHACHEVA, O. A. -- "The Synthesis and Study of the Properties and Derivatives of Alkylphosphinic and Dialkylphosphinic Acids." Min Higher Education USSR. Kazan' Chemicotechnological Inst imeni S. M. Kirov. Kazan', 1956.

GEOGRAPHICAL SCIENCES

For the Degree of Candidate in Sciences

LAZDYN', V. K. -- "Riga (Economic-Geographic Characteristics)." Latvian State U. Geography Faculty. Riga, 1956.

BIOLOGICAL SCIENCES

For the Degree of Candidate in Sciences

ARKHANGEL'SKIY, S. F. -- "Intra- and Inter-Varietal Crossing of Oil-Seed Flax." All-Union Order of Labor Red Banner Selection and Genetics Inst imeni T. D. Lysenko. Odessa, 1956.

BAZHANOVA, A. F. -- "The Selection of Seeds from a Single Cotton Plant of *Goss. barbadense* as a Method of Increasing Crop Yields." Acad Sci Turkmen SSR. Department of Biological and Agricultural Sciences. Ashkhabad, 1955.

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GAVRIN, V. F. -- "The Ecology of Grouse-Family Birds of the Belovezha Forest." Acad Sci Kazakh SSR. Inst of Zoology. Alma-Ata, 1956.

GAMBARYAN, M. Ye. -- "The Bacterial Flora of Lake Sevan." Acad Sci Armenian SSR. Department of Biological Sciences. Sevan Hydrobiological Station. Yerevan, 1955.

DMITRIYEVA, N. V. -- "The Forest Soils of the Central and Northwestern Kodry." Min Higher Education USSR. Kishinev State U. Kishinev, 1956.

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RADZIYEVSKIY, G. G. -- "The Physiological Properties of the Fungi Causing 'kagat' Rot of Sugar Beets." Acad Sci Ukrainian SSR. Inst of Botany. Kiev, 1954.

SDOBNIKOVA, N. V. -- "Soil Algae of the Desert Plains of the Northern Part of the Turan Lowland." Acad Sci USSR. Botanical Inst imeni V. L. Komarov. Leningrad, 1956.

SERGEYEV, A. V. -- "The Vitamin A Content of the Milk of Cows from Central Yakutiya and Methods of Increasing It." Min Higher Education USSR. Kazan' State Veterinary Inst imeni N. E. Bauman. Kazan', 1955.

SLOKA, N. A. -- "The Zooplankton of the Lower Course of the River Dau-gava." Latvian State U. Chair of Zoology. Biology Faculty. Riga, 1956.

TRETEVICH, V. I. -- "The Lactation of Goats and Sheep in Various Functional States of the Cerebral Cortex." L'vov Zooveterinary Inst. L'vov, 1956.

TECHNICAL SCIENCES

For the Degree of Doctor in Sciences

SMIRNOV, A. V. -- "An Analysis of the Processes of Chemical-Thermal Treatment of Steel on the Basis of Thermodynamic Data." Min Higher Education USSR. Leningrad Inst of Aviation Instrument Building. Leningrad, 1955.

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ANGER, F. P. -- "Eliminating the Granularity of Condensed Milk with Sugar by the Addition of Anti-Crystallizers." Min Higher Education USSR. Latvian Agricultural Academy. Riga, 1956.

BASHINSKIY, V. Yu. -- "Investigation of Adaptations to Wood-Milling Machine Tools." Min Higher Education USSR. Moscow Forestry Engineering Inst. Moscow, 1956.

BELAKOVSKIY, Ya. I. -- "Investigation of Deadwood Supports of the Shaft Lines of Ocean-Going Ships." Min Higher Education Ukrainian SSR. Odessa Polytechnic Inst. Odessa, 1955.

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GUZHEVNIKOV, Ye. A. -- "A Rational System of Work under the Conditions of the Chernovskiye Brown-Coal Deposit." Min Higher Education. Tomsk Order of Labor Red Banner Polytechnic Inst imeni S. M. Kirov. Chair of the Working of Stratum Deposits. Tomsk, 1955.

KRIVOSHEIN, V. F. -- "A Method of Stage Lapping of an Axial Compressor." Min Heavy Machine Building USSR. Central Sci Res Boiler and Turbine Inst imeni I. I. Polzunov (TsKTI). Leningrad, 1955.

KURTSIKIDZE, G. A. -- "A Calculation of Long, Complex, Unsymmetrical Operations of Electrical Systems." Min Higher Education USSR. Order of Labor Red Banner Georgian Polytechnic Inst imeni S. M. Kirov. Tbilisi, 1955.

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MERKULOV, A. G. -- "The Synthesis of Variable Equalizers." Min Communications USSR. Leningrad Electrical Engineering Inst of Communications imeni Professor Bonch-Bruyevich. Leningrad, 1955.

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REZNIK, M. G. -- "The Problem of the Development of Flatbed Printing in the Ukraine." Min Higher Education USSR. Moscow Polygraphic Inst. Moscow, 1955.

SKHIRTADZE, S. N. -- "Investigation of the Processes of Mechanization of Cutting and Leveling the Channels for a Temporary Irrigation Network under the Conditions of Eastern Georgia." Published by the Georgian Agricultural Inst. Min Higher Education USSR. Georgian Order of Labor Red Banner Agricultural Inst. Tbilisi, 1955.

TATARINOV, P. I. -- "Investigation and Methods of Calculation of the Strength, Stability, and Oscillations of Single-Story Steel Files for Modern Coal Mines." Acad Sci Ukrainian SSR. Inst of Structural Mechanics. Kiev, 1954.

FILIMONOV, M. A. -- "The Problem of the Stability and Deformation Calculation of Single-Story Regular Skeletons." Min Higher Education USSR Novocherkassk Polytechnic Inst imeni S. Orlozhonikidze. Novocherkassk, 1955.

SHAROV, A. I. -- "Investigation of the Operation of Railroad Transport in the Charging Part of an Open-Hearth Section and Basic Methods of Improving It." Min Railways USSR Leningrad Order of Lenin Inst of Railroad Transport Engineers imeni Academician V. N. Obraztsov. Leningrad, 1955.

SHTANKOV, O. S. -- "Investigation of the Operation of the Machinery for Automatic Loading of the Parts of Screw Types." Min Higher Education Ukrainian SSR. Lvov Polytechnic Inst Lvov, 1955.

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AGRICULTURAL SCIENCES

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BALAKAYEV, B. -- "The Vitamins in the Milk of Agricultural Animals of Turkmenistan." Published by the Acad Sci Turkmen SSR. Min Higher Education USSR. Turkmen Agricultural Inst imeni M. I. Kalinin. Ashkhabad, 1955.

GORTLEVSKIJ, A. A. -- "The Problem of Studying the Inter-Row Cultivation of Sunflowers under the Square-Nest Sowing System." Min Higher Education USSR. Kuban' Agricultural Inst. Krasnodar, 1955.

DERZIBASHEV, L. N. -- "Fruit Growing in the Bolnisi Region of the Georgian SSR and the Outlook for Its Development." Published by the Georgian Agricultural Inst. Min Higher Education USSR. Georgian Order of Labor Red Banner Agricultural Inst. Tbilisi, 1955.

KISELEVSKIY-BABININ, R. G. -- "The Effects of the Time of Collection and Sowing of Acorns on the Growth of Oak Seedlings." Min Higher Education Ukrainian SSR. Ukrainian Order of Labor Red Banner Agricultural Academy. Kiev, 1956.

KLESTOV, M. V. -- "The History and Experience of Steppe Forest Cultivation on the Don Leskhoz." Min Higher Education USSR. Novocherkassk Soil Improvement Engineering Inst. Novocherkassk, 1955.

KOZULINA, N. M. -- "The Effect of Sugar-Refinery Waste and Pyrite Cinders on the Harvest of Sugar Beets under the Conditions of the Latvian SSR." Min Higher Education. Latvian Agricultural Academy. Riga, 1956.

KRUTENKO, Ye. G. -- "Methods of Increasing the Harvest Qualities of Buckwheat Seed under the Conditions of the Southern Ukraine." All-Union Order of Labor Red Banner Selection and Genetics Inst imeni T. D. Lysenko. Odessa, 1955.

VETERINARY SCIENCES

For the Degree of Candidate in Sciences

DYUDENKO, V. S. -- "Experimental-Morphological Investigations of the Innervation of the Horse Hoof." Min Higher Education USSR. Kiev Veterinary Inst. Kiev, 1955.

FEKLISTOV, M. N. -- "Ketosis of Dairy Cows." Min Higher Education USSR. Leningrad Veterinary Inst. Leningrad, 1955.

MEDICAL SCIENCES

For the Degree of Doctor in Sciences

LEVI, M. I. -- "Lymphocytic Choriomeningitis." Acad Med Sci USSR. Moscow, 1956

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AVETISOV, E. S. -- "On Methods of Liquidating Epidemic Conjunctivitis as a Mass Infection." Samarkand State Medical Inst imeni Academician I. F. Pavlov. Samarkand, 1955.

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BAKIROVA, S. U. -- "Experimental Investigation of the Effect of Mineral Water from the Iron-Containing Spring at the Medvezh'ye Ozero Spa, Kurgan Oblast, on the Activity of the Gall Bladder and Bile Secretion, and Clinical Observations of the Results of Using This Water to Treat Patients with Chronic Cholecystitis." Kazan' State Medical Inst. Medvezh'ye Ozero Spa, Kurgan Oblast. Kazan', 1955.

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ZHUKOV, I. A. -- "Hypnopsychotherapy of Patients with Skin Diseases together with Therapeutic Factors from the Sochi-Matsesta Spa." Khar'kov State Medical Inst. Khar'kov, 1955.

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PERELEVINA, A. A. -- "Experience in Improving the Service to Children in the Children's Homes of the City of Rostov na Donu and Rostov Oblast." Rostov na Donu State Medical Inst. Rostov na Donu, 1955.

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TALALOVA, A. I. -- "Certain Indexes of the Reactivity of the Organism in Pneumonia of Young Children." Ivanovo State Medical Inst. Chair of Children's Diseases, Pediatrics Faculty. Ivanovo, 1955.

CHIKOV, V. V. -- "Changes in the Gonads Developing under the Influence of Testosterone Propionate and Sinestrol." Leningrad Pediatrics Medical Inst. Leningrad, 1956.

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GORBATOVA, Ye. M. -- "Zhurnal Khimicheskoy promyshlennosti [Journal of the Chemical Industry] in the Years of Building Socialism (Material on the History of Soviet Periodicals)." Moscow State Library Inst imeni V. M. Molotov. Moscow, 1955.

KUTSYY, S. S. -- "Problems of the Appearance and Historical Development of Human Consciousness in the Works of K. Marx and F. Engels." Min Higher Education UKrainian SSR. Kiev State U imeni T. G. Shevchenko. Kiev, 1955.

CHENOBRYTOV, A. M. -- "A Study of Regular Movement through the Environment and Rotary Movement in the Physics Course in the Intermediate School." Leningrad State Pedagogical Inst imeni A. I. Gertsen. Leningrad, 1955.

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